

IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/713,808

DATE: 09/03/2004 TIME: 11:12:38

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw

3 <110> APPLICANT: University of Southern California Hoon, Dave S. B. Takeuchi, Hiroya 7 <120> TITLE OF INVENTION: Detection of Micro Metastasis of Melanoma and Breast Cancer in Paraffin-Embedded Tumor Draining Lymph Nodes by Multimarker Quantitative RT-PCR 11 <130> FILE REFERENCE: 89212.0014 13 <140> CURRENT APPLICATION NUMBER: US 10/713,808 14 <141> CURRENT FILING DATE: 2003-11-14 16 <150> PRIOR APPLICATION NUMBER: US 60/426,216 17 <151> PRIOR FILING DATE: 2002-11-14 19 <160> NUMBER OF SEQ ID NOS: 15 21 <170> SOFTWARE: PatentIn version 3.2

ENTERED

23 <210> SEQ ID NO: 1 24 <211> LENGTH: 24 25 <212> TYPE: DNA 26 <213> ORGANISM: Artificial 28 <220> FEATURE: 29 <223> OTHER INFORMATION: Synthetic oligonucleotide 31 <400> SEQUENCE: 1 32 cagaacagtc accaccacct tatt 35 <210> SEQ ID NO: 2 36 <211> LENGTH: 25 37 <212> TYPE: DNA 38 <213> ORGANISM: Artificial 40 <220> FEATURE: 41 <223> OTHER INFORMATION: Synthetic oligonucleotide 43 <400> SEQUENCE: 2

24

25

24

44 ageteetgee cacacteegg cetgt

47 <210> SEQ ID NO: 3 48 <211> LENGTH: 24

49 <212> TYPE: DNA

50 <213> ORGANISM: Artificial

52 <220> FEATURE:

53 <223> OTHER INFORMATION: Synthetic oligonucleotide

55 <400> SEQUENCE: 3

56 atgaggetge tttcactate egca

59 <210> SEQ ID NO: 4

60 <211> LENGTH: 23

61 <212> TYPE: DNA

62 <213> ORGANISM: Artificial

64 <220> FEATURE:

65 <223> OTHER INFORMATION: Synthetic oligonucleotide

RAW SEQUENCE LISTING

DATE: 09/03/2004

PATENT APPLICATION: US/10/713,808 TIME: 11:12:38

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw

67 <400> SEQUENCE: 4	
68 ccagactgat tacgcgctct ccc	2.2
71 <210> SEQ ID NO: 5	23
72 <211> LENGTH: 24	
73 <212> TYPE: DNA	
74 <213> ORGANISM: Artificial	
76 <220> FEATURE:	
77 <223> OTHER INFORMATION: Synthetic oligonucleotide	
79 <400> SEQUENCE: 5	
80 cagcaatgcc tcctgcacca ccaa	
83 <210> SEQ ID NO: 6	24
84 <211> LENGTH: 23	
85 <212> TYPE: DNA	
86 <213> ORGANISM: Artificial	
88 <220> FEATURE:	
89 <223> OTHER INFORMATION: Synthetic oligonucleotide	
91 <400> SEQUENCE: 6	
92 agagcactgg ccaaagagag gca	
95 <210> SEQ ID NO: 7	23
96 <211> LENGTH: 25	
97 <212> TYPE: DNA	
98 <213> ORGANISM: Artificial	
100 <220> FEATURE:	
101 <223> OTHER INFORMATION: Synthetic oligonucleotide	
103 <400> SEQUENCE: 7	
104 tcacatcaag gacctgcatt tgtta	0.5
107 <210> SEQ ID NO: 8	25
108 <211> LENGTH: 26	
109 <212> TYPE: DNA	
110 <213> ORGANISM: Artificial	
112 <220> FEATURE:	
113 <223> OTHER INFORMATION: Synthetic oligonucleotide	
115 <400> SEQUENCE: 8	
116 ttcaccatgc atttgttgac agtatt	0.6
119 <210> SEQ ID NO: 9	26
120 <211> LENGTH: 22	
121 <212> TYPE: DNA	
122 <213> ORGANISM: Artificial	
124 <220> FEATURE:	
125 <223 > OTHER INFORMATION: Synthetic oligonucleotide	
127 <400> SEQUENCE: 9	
128 tgggagctga tgacaagagg ag	2.0
131 <210> SEQ ID NO: 10	22
132 <211> LENGTH: 24	
133 <212> TYPE: DNA	
134 <213> ORGANISM: Artificial	
136 <220> FEATURE:	
137 <223> OTHER INFORMATION: Synthetic oligonucleotide	
139 <400> SEQUENCE: 10	

RAW SEQUENCE LISTING

DATE: 09/03/2004 PATENT APPLICATION: US/10/713,808 TIME: 11:12:38

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw

140 cctgctggaa tgtgatgaag acac	24
143 <210> SEQ ID NO: 11	
144 <211> LENGTH: 18	
145 <212> TYPE: DNA	
146 <213> ORGANISM: Artificial	
148 <220> FEATURE:	
149 <223> OTHER INFORMATION: Synthetic oligonucleotide	
151 <400> SEQUENCE: 11	
152 cactgctacg caggetet	18
155 <210> SEQ ID NO: 12	
156 <211> LENGTH: 18	
157 <212> TYPE: DNA	
158 <213> ORGANISM: Artificial	
160 <220> FEATURE:	
161 <223 > OTHER INFORMATION: Synthetic oligonucleotide	
163 <400> SEQUENCE: 12	
164 tgctcagagt ttcatccg	18
167 <210> SEQ ID NO: 13	10
168 <211> LENGTH: 20	
169 <212> TYPE: DNA	
170 <213> ORGANISM: Artificial	
172 <220> FEATURE:	
173 <223 > OTHER INFORMATION: Synthetic oligonucleotide	
175 <400> SEQUENCE: 13	
176 aggagcggca ggacgagcat	20
179 <210> SEQ ID NO: 14	20
180 <211> LENGTH: 25	
181 <212> TYPE: DNA	
182 <213> ORGANISM: Artificial	
184 <220> FEATURE:	
185 <223> OTHER INFORMATION: Synthetic oligonucleotide	
187 <400> SEQUENCE: 14	
188 atcagttaag caccctggaa gagag	25
191 <210> SEQ ID NO: 15	25
192 <211> LENGTH: 22	
193 <212> TYPE: DNA	
194 <213> ORGANISM: Artificial	
196 <220> FEATURE:	
197 <223> OTHER INFORMATION: Synthetic oligonucleotide	
199 <400> SEQUENCE: 15	
200 cctgcctcag gtggtgtgca ac	2.2
	22

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 09/03/2004

PATENT APPLICATION: US/10/713,808

TIME: 11:12:39

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15

VERIFICATION SUMMARY

DATE: 09/03/2004 PATENT APPLICATION: US/10/713,808 TIME: 11:12:39

Input Set : A:\Sequence listing_89212.0014.txt

Output Set: N:\CRF4\09032004\J713808.raw